



The mission of the Illinois Department of Transportation is to provide safe, cost effective transportation for Illinois in ways that enhance quality of life, promote economic prosperity and demonstrate respect for our environment.



Paving the Way for a Greener Tomorrow!

# Green Initiatives



## HOW IDOT IS GOING GREEN

Major steps taken to reduce pollution during the reconstruction of the Dan Ryan and Kingery Expressways

- Installation of equipment to monitor air quality at numerous locations
- Proactive dust control
- Diesel powered equipment was retrofitted with emission control devices and used ultra-low sulfur diesel
- Restrictions placed on how long diesel equipment could idle
- Educational awareness campaign to the community on asthma and other related conditions
- Heralded as a national model for environmental approach to highway reconstruction projects by the U.S. Environmental Protection Agency

### Recycling plays a large part in IDOT's green initiatives

- Utilize an aluminum sign recycling program that recycles 45,000 to 50,000 highway and freeways signs annually
  - Program saves 190,000 gallons of water
  - Conserves over 427,000 pounds of aluminum
  - Saves the state over \$600,000 a year
- Recycling of barricades, oil, anti-freeze, paper, toner cartridges, etc.
- Recycle 1,000 tons of scrap rubber picked up along state highways, which is sold and made into playground mats and other products
- Recycle broken concrete and asphalt pavement materials to use aggregates in construction material



### Adopt-A-Highway: Love the Land of Lincoln

- 17,000 Adopt-A-Highway Volunteers
- 3,400 miles of highway adopted
- 32,000 bags of litter removed each year

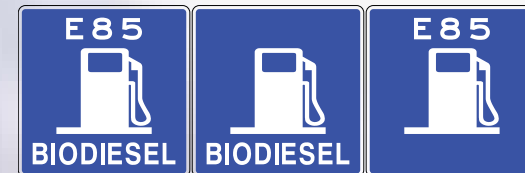


### Green Purchasing

- Trucks that use low sulfur emission biodiesel
- Pilot program using hybrid Ford escapes
- Use of E-85 capable vehicles
- Converting from incandescent bulbs to LEDs on 6,250 traffic signals to conserve energy and reduce maintenance costs

IDOT awarded "Best Innovative Project" from the Green Government Coordinating Council for our initiatives including

- Website [www.GettingAroundIllinois.com](http://www.GettingAroundIllinois.com)



- Blue Board Signage – signs by interstate exits
- Large display maps in rest areas – indicate locations where Biofuels can be obtained
- 4 page Biofuels Pamphlet – indicates the city and address of Biofuel station locations
- 2007-2008 State Map – includes a color coded legend that indicates the cities that have Biofuels stations located there
- Study of Wind Turbine Use - University of Illinois at Chicago conducting a feasibility study for the possible use of wind turbines to supply energy to selected rest areas in Illinois

